

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) Method for curing coils {16} which have been produced by a winding method, a coil {16} being arranged in an oven {12} for curing, the coil {16} being heated up to a predeterminable temperature, and the coil {16} being rotated about its longitudinal axis {32} to avoid dripping of resin, characterized in that wherein the conductor or conductors of the coil {16} is or are flowed through by current, in particular by direct current, and is or are heated in this way.

2. (Currently Amended) Method according to Claim 1, characterized in that wherein the coil {16} is rotated forward and back in a predeterminable sequence of rotational movements about its longitudinal axis {32}.

3. (Currently Amended) Method according to Claim 1 or 2, characterized in that wherein the predeterminable temperature is changed by a control device {24} in accordance with a previously chosen temperature profile.

4. (Currently Amended) Method according to ~~one of the preceding claims,~~
~~characterized in that Claim 1, wherein,~~ in a rotational movement in a direction about
the longitudinal axis (32) up to its reversal point (42, 48, 54, 58, 60, 62) of the next-
following change of direction, the coil (16) is rotated by an angle unequal to 360° or
unequal to an integral multiple thereof.

5. (Currently Amended) Method according to Claim 4, ~~characterized in that~~
~~wherein,~~ after the next change of direction has taken place, the coil (16) is rotated by
an angular amount of 360° or an integral multiple thereof in an opposite direction as
far as the then-following further reversal point (42, 48, 54, 58, 60, 62).

6. (Currently Amended) Method according to Claim 5, ~~characterized in that~~
~~wherein,~~ after a predetermined number of rotations forward and back, the angle is
changed once by twice the angular difference, that is to say the angle less 360° or an
integral multiple thereof, with the result that the subsequent reversal point lies on the
opposite side of a 360° location by an angular difference.

7. (Currently Amended) Method according to ~~one of the preceding claims,~~
~~characterized in that Claim 1, wherein,~~ after reaching a specific terminating criterion,
in particular after a specific time, on account of a specific degree of hardness of the

insulation or on account of the reaching of a specific characteristic value of a substance, the movement forward and back is ended.

8. (Currently Amended) Arrangement for curing coils (16) which have been produced by the winding method, with an over (12) for receiving the coil (16), with a rotating device (22) for receiving and rotating a coil (16) arranged in the rotating device (22), with a heating device for heating the coil (16) and with a control device (24) for controlling the heating operations and possibly the rotating operations, characterized in that wherein the conductor or conductors of the coil (16) is or are connected to the heating device, and in that the conductor or conductors are flowed through by current for heating the coil (16).

9. (Currently Amended) Arrangement according to Claim 8, characterized in that wherein the rotating device (22) has a slip ring, by means of which current can be transferred from the heating device to the coil (16).

10. (Currently Amended) Arrangement according to Claim 8, characterized in that wherein the coil (16) is connected to the heating device by means of cables (26).

11. (Currently Amended) Arrangement according to Claim 8, characterized in that wherein the coil (16) can be rotated forward and back about the longitudinal axis (32) with the rotating device (22).

12. (Currently Amended) Arrangement according to ~~one of Claims 8 to 11,~~ characterized in that Claim 8, wherein a controller (24), by means of which the rotational movements of the coil (16) in particular can be controlled, is provided.

13. (Currently Amended) Arrangement according to Claim 12, characterized in that wherein the controller is contained in the control device (24).